



KENTUCKY DEPARTMENT OF EDUCATION
COMMITTEE FOR MATHEMATICS ACHIEVEMENT
ADVISORY GROUP
SUMMARY

MEETING DATE: NOVEMBER 2, 2018

ATTENDANCE:

Members: Ryan Davis, chair (High school teacher, KEA), Dr. Edna Schack, vice-chair (Morehead State), Dr. Dan McGee (KCM), Dr. David Royster (UK), Dr. Mary (Molly) Williams (Murray State), Donnie Osborn (KAE), Scotty Bratcher (KEA), Theresa Williams (KEA), Nicholas (Nick) Chaykowsky (KEA), Jason Detre (KASA), Bobby Bennett (KASA), Ted Hodgson (Northern Kentucky University), Dr. Margaret Yoder (EKU), Jason Taylor (KCTCS), Josh Belcher (Butler elementary administrator, KASA) Dr. Amanda Ellis (KDE), Erin Chavez (KDE administrative support)

Absent: Dr. Gary Cox, represented by Dr. Sarah Murray (Centre), Dr. Natasha Gerstenshalager (WKU), Andrea Hopkins (KEA), Dr. Aaron Thompson (CPE), represented by Dawn Offutt, Mr. Derrick Ramsey (Secretary, Education and Workforce Development Cabinet), represented by Mr. Andy Hightower, Dr. Jenny Bay-Williams (Uof L), Dr. Karen Heavin (KSU), Ms. Pamela Callahan (Kentucky Adult Education, Morehead), Pam Hart (Fayette Co. elementary educator), Suzanne Gibbs (Barbourville middle school educator)

Guests: Meredith Brewer (director KCM), Kim McDaniel (KDE administrative support), Mike Marsee (KDE Information officer)

SUMMARY:

Agenda Item #1: Introductions and travel reimbursement

Summary of discussion: Committee members were given materials for travel.

Action taken: Return documents to Kim McDaniel.

Follow-up Required: Travel reimbursement will be issued.

Agenda Item # 2: Approval of Minutes

Summary of discussion: Minutes were given and a motion of approval was given by Dr. David Royster.

Action taken: Minutes were approved.

Follow-up Required: Minutes need to be sent to be placed on KDE's website.

Agenda Item # 3: Graduation Requirements

Presenter: Ryan Davis

Summary of Discussion: Members decided to look at a one pager from grad requirements due to others coming in late. They discussed how to best advocate for their recommendations on grad requirements. Members also reviewed the document: "In order to graduate, a student must...earn 22 credits, pass three standardized tests and meet transition readiness benchmarks." Members discussed that they had not received any feedback on the proposed recommendations for implementing new graduation requirements other than a board member responding with thank you. The Kentucky Council of Teachers of Mathematics (KCTM) also provided a statement of recommendations on grad requirements. CMA members discussed the potential of placing all responses together and sending them on during the public hearing on Nov. 29. A committee member suggested narrowing the focus of the recommendation paper to give specific suggestions. Members again discussed the logistics of having speakers show up during the public hearing. Member also discussed what an implementation document would look like for districts in order to capture all voices.

Action Taken: Members were reminded that public feedback on graduation requirements is not given until after the legal process of the public hearing on Nov. 29.

Follow-up Required: none

Agenda Item #4: Graduation Requirements/Strategic Plan/Opportunity Myth

Presenter: Dr. Amanda Ellis

Summary of Discussion: As of Nov. 1, the KDE has been reorganized. The Office of Teaching and Learning (OTL) was dissolved. During the October Kentucky Board of Education (KBE) meeting, Dr. Lewis presented on high school graduation requirements. Dr. Ellis will send out Dr. Lewis's PPT presentation. Dr. Ellis challenged the group to consider, when thinking about recommendations and a transition plan, that some districts may not have to at all, as it is a district decision. However, overall equity must be addressed. Dr. Ellis relayed that some concerns related to standards and reminded the committee that they currently are going through the legislative process. Additionally, Dr. Ellis walked through each one of CMA's recommendations for graduation requirements, discussed them and provided clarification. Assessment information also was given:

- College entrance exam vendor is ACT.
- Assessments for mathematics and reading have not been developed, although blueprints are available for public comment.
- The *Kentucky Academic Standards for Mathematics* currently are in the regulatory process.
- Spring 2019 will be field testing for math and reading. The official math and reading tests will be administered in spring 2020 and again in spring 2021. Spring 2022 will be when students will be impacted, as the class of 2024 is when all components will impact students.

Dr. Ellis addressed and clarified concerns regarding the assessments and high school graduation requirements. CMA members discussed their concerns with eliminating Algebra II as a requirement, and Dr. Ellis reiterated that it has not been removed from the standards. CMA members would like for this misconception to be clarified for the public.

Action Taken: none.

Follow-up Required: Dr. Ellis will email Dr. Lewis's graduation requirements PowerPoint. Follow up on KDE's strategic plan and Opportunity Myth.

Agenda Item #5: Subgroup Reports and Discussion

Presenter: Ryan Davis

Summary of Discussion: Clarifications were discussed in regards to Algebra II being a requirement due to its inclusion of the mathematics standards. Concerns were discussed around assurances Algebra II is actually being taught. The group further discussed changing some of the language in the Statement on Proposed Graduation Requirements as colleges are finding the dual credit math courses to be problematic. Changes discussed included reshuffling of concrete things, language about Algebra II, and more specificity on the 'transition readiness' benchmarks in the recommendations document for November.

Action Taken: Motion made and seconded to draft changes in report (all in favor). Motion carried.

Follow-up Required: none.

Agenda Item #6: Subgroups Reports and Discussion

Presenter: CMA Committee Members

Summary of Discussion:

Subgroup 1 – High school students should be taking four years of math with the 4th year being relevant to whatever pathway they are in. Recommendation – high schools should offer four continuous years of math. Group is moving that CMA endorse their recommendation.

Subgroup 2 – Recommendation - stopping the practice of tracking teachers and stopping the practice of tracking students from Catalyzing Change; they would like to look at more data and will contact KY Center for Statistics before moving forward with their recommendation.

Subgroup 3 – How to fit the three essential concepts into two years of high school. This group looked at the content that needs to be emphasized while understanding that math is fundamental to the well-being of kids. If a student doesn't understand algebra, they don't understand foundational numeracy. If content is presented, it should incorporate algebra and foundational numeracy. Also, quantitative reasoning embedded with statistics does not belong together; it makes more sense for quantitative reasoning to not be grouped with statistics. The group is supportive of statistics, but not in lieu of year one and two of high school mathematics.

Subgroup 4 – This group discussed what the role of an intervention teacher does and the training that he or she needs to become highly qualified teacher of intervention. The group also discussed how to distribute this information.

Action Taken: Motion made and seconded for approval of subgroup one's recommendation. Motion carried.

Follow-up Required: none

Agenda Item #7: Chair and vice chair roles and responsibilities and election for 2019-20

Presenter: Ryan Davis

Summary of Discussion: Ryan Davis made a motion to nominate Jenny Bay Williams as next year's Chair of CMA. Motion seconded. Motion carried. Edna Schack made a motion to nominate Ryan Davis as Vice Chair. Motion seconded. Motion carried.

Action Taken: Jenny Bay-Williams will act as chair of CMA for 2019-20. Ryan Davis will act as vice chair of CMA 2019-20.

Follow-up Required: KDE administrative support to schedule online meeting with new chair and vice-chair.

The staff person assigned to this advisory group is responsible for the summary notes, which should be checked for accuracy and accessibility, then emailed as one Word document to [KDE Communications](#) within five business days of the meeting. Thank you!